

**Name of work: Restoration and Improvements of balance Roads
of chikkabettahalli village, Doddabettahalli Village, Aditya nagar
Phase-01 and Surrounding area in ward no-03 of yelahanka New
town sub division, (package-05)**

QC REPORTS

"SECOND AND FINAL BILL"



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TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Adithyanagara 3 rd cross, 4 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16-03-22
Submission Date:	25-07-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500



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	Stress f_y =N/mm ²						
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm ²	615	565	605	565	618	565
6	Bend/Re- Bend test	ok		ok		ok	

Handwritten signature and stamp of SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010. The stamp is circular with the company name and address. There is also a handwritten signature to the right of the stamp.



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TEST REPORT ON CEMENT (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	at Adithyanagara 3 rd cross, 4 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16-03-22
Submission Date:	25-07-22

SL no	Description	Test Method as per IS	Test Result	Remarks
1	a) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	b) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	a) 3 Days	Mpa	26	ok
	b) 7 Days	Mpa	37	ok

ಸಹಾಯಕ ಶಾಖಾಧಿಕಾರಿ ಅಭಿವೃದ್ಧಿ
ಯೋಜನೆ ಮತ್ತು ನಿರ್ವಹಣೆ
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು
Bengaluru
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TEST REPORT ON FINE AGGREGATE (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Adithyanagara 3 rd cross, 4 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16-03-22
Submission Date:	25-07-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350



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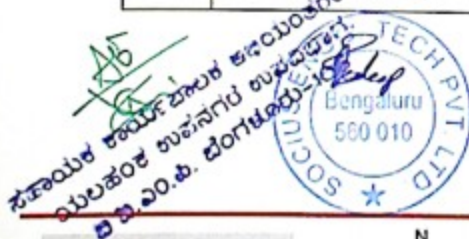
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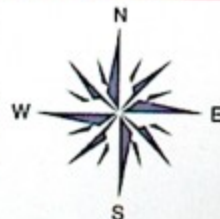
TEST REPORT ON CEMENT (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Adithyanagara 5 th cross, 6 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	17-03-22
Submission Date:	25-07-22

SL no	Description	Test Method as per IS	Test Result	Remarks
1	c) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	d) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	c) 3 Days	Mpa	26	ok
	d) 7 Days	Mpa	37	ok



Signature



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TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Adithyanagara 7 th cross, 8 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	18-03-22
Submission Date:	25-07-22

SL NO	Details	For 8mm		For 10mm		For 12mm	
		Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
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TEST REPORT ON COARSE AGGREGATE (Material

Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Adithyanagara 7 th cross, 8 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	18-03-22
Submission Date:	25-07-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Total Wt of Aggregate in Gms: 2300

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ಯುಪಕರಣ ಉಪನಿರ್ದೇಶಕರು
ಕೆ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು



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TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location: At Adithyanagara 3rd cross and 4th cross

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No: - BBMP/EE/YNK.D/EPMT-08/W. O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x 150 x 150 mm

Cross Sectional area : 22500 mm²

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 26-03-22

Concrete for culvert and Drains side walls 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	26-03-22	24-04-22	506.3	22.50	22.47
2	26-03-22	24-04-22	492.0	21.87	
3	26-03-22	24-04-22	518.4	23.04	

ಶಿವಾಯ್ ಕಾಂಪೌಂಡ್ ಕನ್ಸ್ಟ್ರಕ್ಷನ್ಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್
ಯು.ಎಂ.ಎ. ಬೆಂಗಳೂರು - 560010
560010

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Test Report On Pre Cast Slab 250mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Adithyanagara 5 th cross and 6 th cross
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	10-04-22
Submission Date:	25-07-22
Grade of Concrete	M ₂₀

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg /M ³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm ²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm ²)	Equivalent Cube Compressive strength(N/mm ²)
1	100	135	2.489	2347.48	1.35	0.960	132.60	16.88	18.23	17.50	21.88
2	100	137	2.546	2366.18	1.37	0.960	134.80	17.16	18.54	17.79	22.24
3	100	136	2.556	2392.94	1.36	0.960	135.60	17.27	18.65	17.90	22.38

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ಯಶವಂತ ಸುಬ್ಬನಗರ
ಬಿ.ಪಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-560 010

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TEST REPORT ON CEMENT(Material Tests for Dry lean concrete)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Bettahalli, 6 th cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	15-03-22
Submission Date:	25-07-22

SL no	Description	Test Method as per IS	Test Result	Remarks
1	a) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	b) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	a) 3 Days	Mpa	26	ok
	b) 7 Days	Mpa	37	ok

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀಕ್ಷಕರು
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ
ಇ.ಪಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು
15-03-22



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TEST REPORT ON CEMENT (Material Tests for Dry lean concrete)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Bettahalli, 6 th cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16-03-22
Submission Date:	25-07-22

SL no	Description	Test Method as per IS	Test Result	Remarks
1	c) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	d) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	c) 3 Days	Mpa	26	ok
	d) 7 Days	Mpa	37	ok

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್
ಯಲಹಂಕ ಬಹುಮುಖ್ಯತೆ ಸುಪರ್ಟು-100
ಇ.ಇ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-100



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TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Bettahalli, 6th cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x 150 x 150 mm

Cross Sectional area : 22500 mm²

Grade of concrete : M30

Compressive Strength as on : 07 Days

Date of casting : 01-05-22

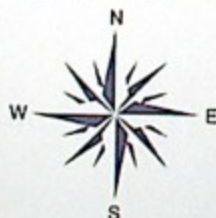
Concrete for roads 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	01-05-22	09-05-22	482.8	21.45	21.39
2	01-05-22	09-05-22	480.2	21.34	
3	01-05-22	09-05-22	481.5	21.40	

ಸಹಾಯಕ ಪ್ರಾಧಿಕಾರಿ, ಯು.ಪಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು
ಶ್ರೀ ಗ. ಹುಮೇಶ್ ಕುಮಾರ್ ಶ್ರೀ ಸೈ ಕನ್ಸ್ಟ್ರಕ್ಷನ್ಸ್
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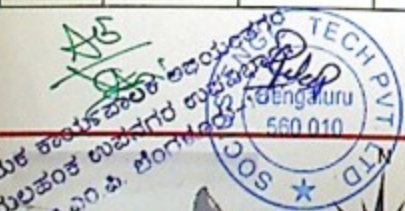
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REPORT ON GRANULAR SUB BASE COURSE (GSB)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Sai Ram Badavane
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	03-05-22
Submission Date:	25-07-22

Mix Design of Granular Sub-Base (GSB). Close Graded - II

Sieve Size mm	Materials A % (40mm)	Materials B % (20mm)	Materials C % (12.5mm)	Materials D % (6mm)	Materials E % (4.75mm)	Obtained gradation	Desired gradation	Remarks
53.000	100	100.00	100.00	100	100.00	100	100	Satisfactory may be followed
26.500	29.24	100.00	100	100.00	100.00	89.39	70-100	
9.500	0.48	32.60	84.17	100.00	100.00	74.29	50-80	
4.750		11.07	2.87	83.70	100.00	55.58	40-65	
2.360		0.07	0.07	51.03	85.20	39.40	30-50	
0.425				18.55	30.70	14.03	10-15	
0.075				3.55	3.50	1.97	0-5	



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Material A 40mm = 15%
formula:

Job mix

Material B 20mm = 12%
=15:12:17:26:30

A: B: C: D: E

Material C 12.5mm = 17%

OMC =4.5%

Material D 6 mm down = 26%

MDD = 2.36gm/cc

Material E Quarry fines 4.75mm down = 30%

Note: Test and mix design results are for the aggregates and bitumen



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A: B: C: D: E

Material C 12.5mm = 17%

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Material D 6 mm down = 26%

MDD = 2.36gm/cc

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Note: Test and mix design results are for the aggregates and bitumen

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FIELD DENSITY OF WMM

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Sai Ram Badavane
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	10-05-22
Submission Date:	25-07-22

Test Results – Existing Wet mix Samples

Sample NO	Location	Modified proctor density g/cc	OMC In %	Field Density in g/CC	Field Moisture Content in %	Compaction In %
1	1st Cross Road	2.24	5.11	2.20	5.04	98.66
2	2nd Cross Road	2.25	5.15	2.21	5.05	98.21

ಶಾಖಾಧಿಕಾರಿ ಕಾರ್ಯಾಲಯ
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು



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FIELD DENSITY OF WMM

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Sai Ram Badavane
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	11-05-22
Submission Date:	25-07-22

Test Results – Existing Wet mix Samples

	Location	Modified proctor density g/cc	OMC In %	Field Density in g/CC	Field Moisture Content in %	Compaction In %
1	1st Cross Road	2.24	5.11	2.20	5.04	98.66
2	2nd Cross Road	2.25	5.15	2.21	5.05	98.21

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರ ಕಛೇರಿ
ಯಲಹಂಕ ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿ
ಜಿ.ಪಿ.ಎಂ.ಓ. ಬೆಂಗಳೂರು-10



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FIELD DENSITY OF WMM

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Veerasagar Main Road 5 th A road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	11-05-22
Submission Date:	25-07-22

Test Results – Existing Wet mix Samples

Sample NO	Location	Modified proctor density g/cc	OMC In %	Field Density in g/CC	Field Moisture Content in %	Compaction In %
1	5th A Main Road	2.24	5.10	2.20	5.04	98.66



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TEST FOR PRIME COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Veerasagar Main Road 5th A main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 20-05-22

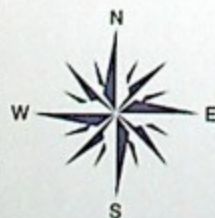
Date of Submission: 25-07-22

Tray no.	1	2
Weight of the tray(b)kg	1.625	1.626
Weight of the tray with prime(a) kg	1.768	1.756
Weight of prime(a-b) kg	0.141	0.130
Tray area (sqm)	0.45x0.45=0.2025	0.2025
Rate of spray (kg/sqm)	0.696	0.637
Avg. Rate of spray (kg/sqm)	0.666	

Specified rate as per Specification: 0.6 Kg/sqm



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TEST FOR PRIME COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Hanumaiya Badavane

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 20-05-22

Date of Submission: 25-07-22

Tray no.	1	2
Weight of the tray(b)kg	1.625	1.626
Weight of the tray with prime(a) kg	1.768	1.756
Weight of prime(a-b) kg	0.141	0.130
Tray area (sqm)	0.45x0.45=0.2025	0.2025
Rate of spray (kg/sqm)	0.696	0.637
Avg. Rate of spray (kg/sqm)	0.666	

Specified rate as per Specification: 0.6 Kg/sqm

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಕಾರುಬರ
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ
೨೨.೦೫.೨೦೨೨, ಬೆಂಗಳೂರು-೫೬೦೦೧೦





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TEST FOR PRIME COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Opposite Tyre Park

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 20-05-22

Date of Submission: 25-07-22

Tray no.	1	2
Weight of the tray(b)kg	1.625	1.626
Weight of the tray with prime(a) kg	1.768	1.756
Weight of prime(a-b) kg	0.141	0.130
Tray area (sqm)	0.45x0.45=0.2025	0.2025
Rate of spray (kg/sqm)	0.696	0.637
Avg. Rate of spray (kg/sqm)	0.666	

Specified rate as per Specification: 0.6 Kg/sqm

ಶಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕ ಬಾವನಗಿರಿ
ಇ.ಪಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು



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TEST FOR PRIME COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Maruthi nagara

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 24-05-22

Date of Submission: 25-07-22

Tray no.	1	2
Weight of the tray(b)kg	1.625	1.626
Weight of the tray with prime(a) kg	1.768	1.756
Weight of prime(a-b) kg	0.141	0.130
Tray area (sqm)	0.45x0.45=0.2025	0.2025
Rate of spray (kg/sqm)	0.696	0.637
Avg. Rate of spray (kg/sqm)	0.666	

Specified rate as per Specification: 0.6 Kg/sqm

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕ ನಗರ ಪಾಲಿಕೆ
ಇ.ಪಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು



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TEST FOR PRIME COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Balaji Layout

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 24-05-22

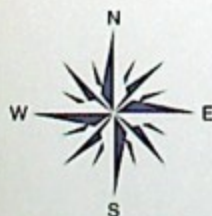
Date of Submission: 25-07-22

Tray no.	1	2
Weight of the tray(b)kg	1.625	1.626
Weight of the tray with prime(a) kg	1.768	1.756
Weight of prime(a-b) kg	0.141	0.130
Tray area (sqm)	0.45x0.45=0.2025	0.2025
Rate of spray (kg/sqm)	0.696	0.637
Avg. Rate of spray (kg/sqm)	0.666	

Specified rate as per Specification: 0.6 Kg/sqm



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BITUMEN EXTRACTION TEST [FIELD TEST] ON DENSE GRADED BITUMINOUS MACADAM

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Near Trivik wind walk Apartment

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agreement No:- BBMP/EE/YNK.D/EPMT-05/AG/149/2020-21

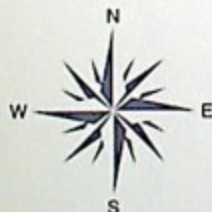
Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 21-05-22

Tests on DENSE GRADED BITUMINOUS MACADAM				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	476.5	24.5	4.7
2	500	476	23	4.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	476	24	4.80
2	500	477	23	4.60

Note:

Source of sample: Collected at site



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BITUMEN EXTRACTION TEST [FIELD TEST] ON DENSE GRADED BITUMINOUS MACADAM

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Near Trivik wind walk Apartment

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agreement No:- BBMP/EE/YNK.D/EPMT-05/AG/149/2020-21

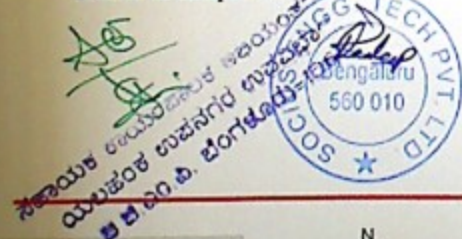
Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 21-05-22

Tests on DENSE GRADED BITUMINOUS MACADAM				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = [(w/w1)*100]-100, in %
1	500	476.5	24.5	4.7
2	500	476	23	4.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = [(w/w1)*100]-100, in %
1	500	476	24	4.80
2	500	477	23	4.60

Note:

Source of sample: Collected at site



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E-Mail: support@sociusengg.com
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BITUMEN EXTRACTION TEST [FIELD TEST] ON DENSE GRADED BITUMINOUS MACADAM

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Chowdeshawari Layout

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agreement No:- BBMP/EE/YNK.D/EPMT-05/AG/149/2020-21

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 25-05-22

Tests on DENSE GRADED BITUMINOUS MACADAM				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	476.5	24.5	4.7
2	500	476	23	4.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	476	24	4.80
2	500	477	23	4.60

Note:

Source of sample: Collected at site

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು, ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಸಾರ್ವಜನಿಕ ಕಾರ್ಯಗಳು
ಯುಟಿಲಿಟಿ ಮತ್ತು ಸಾರ್ವಜನಿಕ ಕಾರ್ಯಗಳು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು
560 010

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#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru - 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
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BITUMEN EXTRACTION TEST [FIELD TEST] ON DENSE GRADED BITUMINOUS MACADAM

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Adithaya Nagar 9th main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agreement No:- BBMP/EE/YNK.D/EPMT-05/AG/149/2020-21

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 04-06-22

Tests on DENSE GRADED BITUMINOUS MACADAM

Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	476.5	24.5	4.7
2	500	476	23	4.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	476	24	4.80
2	500	477	23	4.60

Note:

Source of sample: Collected at site

ಶಾಖಾಧಿಕಾರಿ ಕಾರ್ಯದರ್ಶಿ
ಯೋಜನಾ ಮತ್ತು
ಪ್ರಗತಿ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು
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E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
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TEST FOR TACK COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Sai Ram Badavane

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 23-05-22

Date of Submit: 25-07-22

Tray no.	1	2
Weight of the tray(b)gms	1688	1688
Weight of the tray with prime(a)gms	1713.9	1712.92
Weight of prime(a-b)gms	25.9	24.92
Tray area (sqm)	$300 \times 300 = 0.09 \text{sqm}$	$300 \times 300 = 0.09 \text{sqm}$
Rate of spray (kg/sqm)	$0.0259 / 0.09 = 0.287 \text{ kg/sqm}$	$0.02492 / 0.09 = 0.27 \text{ kg/sqm}$
Avg. Rate of spray (kg/sqm)	0.278	

Specified rate as per Specification: 0.25 Kg/sqm

Handwritten signature and stamp of Socius Engg. Tech. Pvt. Ltd. with text in Kannada and English.

Handwritten signature.



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TEST FOR TACK COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Veerasagar Main Road 5th A main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 23-05-22

Date of Submit: 25-07-22

Tray no.	1	2
Weight of the tray(b)gms	1688	1688
Weight of the tray with prime(a)gms	1713.9	1712.92
Weight of prime(a-b)gms	25.9	24.92
Tray area (sqm)	300*300=0.09sqm	300*300=0.09sqm
Rate of spray (kg/sqm)	0.0259/0.09=0.287 kg/sqm	0.02492/0.09=0.27 kg/sqm
Avg. Rate of spray (kg/sqm)	0.278	

Specified rate as per Specification: 0.25 Kg/sqm

ಶಕಾರ್ಯ ಕಾರ್ಯಾಚರಣೆ ಅಧಿಕಾರಿ
ಯುಪಕರಣ ಉಪನಿರ್ದೇಶಕರು
ಜಿ.ಪಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು



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location : At Hanumaiya Badavane

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 24-05-22

Date of Submit: 25-07-22

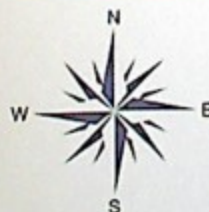
Tray no.	1	2
Weight of the tray(b)gms	1688	1688
Weight of the tray with prime(a)gms	1713.9	1712.92
Weight of prime(a-b)gms	25.9	24.92
Tray area (sqm)	300*300=0.09sqm	300*300=0.09sqm
Rate of spray (kg/sqm)	0.0259/0.09=0.287 kg/sqm	0.02492/0.09=0.27 kg/sqm
Avg. Rate of spray (kg/sqm)	0.278	

Specified rate as per Specification: 0.25 Kg/sqm

ಸಹಾಯಕ ನಿರ್ದೇಶಕರು
ಯಲಹಂಕ ನಗರ ಪಾಲಿಕೆ
ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು



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TEST FOR TACK COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Chowdeshawari Layout

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK D/EPMT-08/W O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 27-05-22

Date of Submit: 25-07-22

Tray no.	1	2
Weight of the tray(b)gms	1688	1688
Weight of the tray with prime(a)gms	1714	1713
Weight of prime(a-b)gms	26	25
Tray area (sqm)	$300 \times 300 = 0.09 \text{sqm}$	$300 \times 300 = 0.09 \text{sqm}$
Rate of spray (kg/sqm)	$0.026 / 0.09 = 0.29 \text{ kg/sqm}$	$0.025 / 0.09 = 0.27 \text{ kg/sqm}$
Avg. Rate of spray (kg/sqm)	0.28	

Specified rate as per Specification: 0.25 Kg/sqm

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕ ನಗರ ಪಾಲಿಕೆ
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E-Mail: support@sociusengg.com
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TEST FOR TACK COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Balaji Layout

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 27-05-22

Date of Submit: 25-07-22

Tray no.	1	2
Weight of the tray(b)gms	1688	1688
Weight of the tray with prime(a)gms	1714	1713
Weight of prime(a-b)gms	26	25
Tray area (sqm)	$300 \times 300 = 0.09 \text{sqm}$	$300 \times 300 = 0.09 \text{sqm}$
Rate of spray (kg/sqm)	$0.026/0.09 = 0.29 \text{ kg/sqm}$	$0.025/0.09 = 0.27 \text{ kg/sqm}$
Avg. Rate of spray (kg/sqm)	0.28	

Specified rate as per Specification: 0.25 Kg/sqm

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರ ಅಧೀನದಲ್ಲಿ
ಯಶಸ್ವಿವಂತ ಅಧೀನದಲ್ಲಿ
ಪ್ರತಿ ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-560 010



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Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com



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TEST FOR TACK COAT

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Adithya nagara 9th main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 06-06-22

Date of Submit: 25-07-22

Tray no.	1	2
Weight of the tray(b)gms	1688	1688
Weight of the tray with prime(a)gms	1713 9	1712.92
Weight of prime(a-b)gms	25.9	24.92
Tray area (sqm)	300*300=0.09sqm	300*300=0.09sqm
Rate of spray (kg/sqm)	0.0259/0.09=0.287 kg/sqm	0.02492/0.09=0.27 kg/sqm
Avg. Rate of spray (kg/sqm)	0.278	

Specified rate as per Specification: 0.25 Kg/sqm

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ಯಲಹಂಕರ ಅಭಿವೃದ್ಧಿ
ಪಿ.ಜಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-103



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Rajajinagar, Bengaluru - 560010
E-Mail: support@sociusengg.com
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BITUMEN EXTRACTION TEST [FIELD TEST]

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At 5th A main road Veerasagar road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 23-05-22

Date of Submit: 25-07-22

Tests on Bituminous Concrete				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6

Note:

Source of sample: Collected at site

ಸಹಾಯಕ ಪ್ರಮುಖ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕ ಬುಡ್ಡೆಬೆಟ್ಟಹಳ್ಳಿ
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Rajajinagar, Bengaluru - 560010
E-Mail: support@sociusengg.com
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BITUMEN EXTRACTION TEST [FIELD TEST]

Name of work: : Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Opposite Tyre park shop road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 23-05-22

Date of Submit: 25-07-22

Tests on Bituminous Concrete				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6

Note:

Source of sample: Collected at site

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು
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BITUMEN EXTRACTION TEST [FIELD TEST] ON BITUMINOUS CONCRETE

Name of work : Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Maruthinagara Layout Roads

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 27-05-22

Date of Testing: 25-07-22

Tests on Bituminous Concrete				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6

Note:

Source of sample: Collected at site

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BITUMEN EXTRACTION TEST [FIELD TEST] ON BITUMINOUS CONCRETE

Name of work : Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Bettahalli Roads

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 02-06-22

Date of Submit: 25-07-22

Tests on Bituminous Concrete				
Test No 1				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6
Test No 2				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6

Note:

Source of sample: Collected at site

ಶಾಖಾಧಿಕಾರಿ ಸಹಾಯಕ ಮುಖ್ಯಸ್ಥರು
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BITUMEN EXTRACTION TEST [FIELD TEST]

Name of work : Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Adithya nagara 9th main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK D/EPMT-08/W O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 06-06-22

Date of Submit: 25-07-22

Tests on Bituminous Concrete				
Test No 3				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6
Test No 4				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, w=[w1-w2], in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6

Note:

Source of sample: Collected at site

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಉಪನಗರ ಉಪವಿಭಾಗ
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ
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E-Mail: support@sociusengg.com
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BITUMEN EXTRACTION TEST [FIELD TEST]

Name of work: : Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Adithya nagara 9th main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 06-06-22

Date of Submit: 25-07-22

Tests on Bituminous Concrete				
Test No 3				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6
Test No 4				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6

Note:

Source of sample: Collected at site

Handwritten signature and stamp of Socius Engg. Tech. Pvt. Ltd. Bengaluru 560 010. The stamp is circular with the company name and address. There is also a handwritten signature to the right of the stamp.



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BITUMEN EXTRACTION TEST [FIELD TEST]

Name of work: : Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Adithya nagara 9th main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK D/EPMT-08/W O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Date of Testing: 06-06-22

Date of Submit: 25-07-22

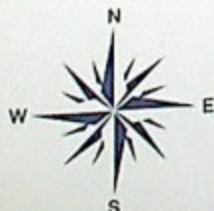
Tests on Bituminous Concrete				
Test No 3				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	472	28	5.6
2	500	472	28	5.6
Test No 4				
Sample No	Initial Weight of the Mix [w1], in g	Weight of mix after extraction of Bitumen [w2], in g	Difference in weight, $w=[w1-w2]$, in g	Percentage of Bitumen Extracted = $[(w/w1)*100]-100$, in %
1	500	471.5	28.5	5.7
2	500	472	28	5.6

Note:

Source of sample: Collected at site

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Handwritten signature



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